

WHAT IS CLAIMED IS:

1. Water dispersible granules comprising the ingredients of:
 - wetting agent contained 0.01-5%;
 - dispersing agent contained 0.01-20%;
 - 5 binder contained 0.1-30%;
 - disintegratant contained 0.1-30%;
 - acid contained 0.01-10%;
 - base contained 0.01-10%;
 - carrier contained 0.01-80%; and
 - 10 pesticide contained 0.01-90%, wherein the above ingredients are combined to be 100%.
2. The water dispersible granules as claimed in claim 1, wherein the total rate of the acid, the base, the carrier and the pesticide is to be 78%.
- 15 3. The water dispersible granules as claimed in claim 1, wherein the acid is selected from one of the benzoic acid, p-hydroxy benzoic acid, succinic acid, succinic anhydride, phthalic acid, phthalic anhydride and citric acid.
4. The water dispersible granules as claimed in claim 1,
20 wherein the base is selected from one of the sodium carbonate, sodium bicarbonate, potassium carbonate, potassium bicarbonate and calcium carbonate.
5. The water dispersible granules as claimed in claim 2, wherein the acid is selected from one of the benzoic acid, p-hydroxy

benzoic acid, succinic acid, succinic anhydride, phthalic acid, phthalic anhydride and citric acid.

6. The water dispersible granules as claimed in claim 2,
wherein the base is selected from one of the sodium carbonate, sodium
5 bicarbonate, potassium carbonate, potassium bicarbonate and calcium
carbonate.

7. The water dispersible granules as claimed in claim 3,
wherein the base is selected from one of the sodium carbonate, sodium
bicarbonate, potassium carbonate, potassium bicarbonate and calcium
10 carbonate.

8. The water dispersible granules as claimed in claim 3,
wherein the acid is benzoic acid and has a weight rate about 4.5-7%.

9. The water dispersible granules as claimed in claim 4,
wherein the base is sodium carbonate and has a weight about 2.25-4%.

15 10. The water dispersible granules as claimed in claim 5,
wherein the acid is benzoic acid and has a weight rate about 4.5-7%.

11. The water dispersible granules as claimed in claim 6,
wherein the base is sodium carbonate and has a weight about 2.25-4%.

12. The water dispersible granules as claimed in claim 7,
20 wherein the base is sodium carbonate and has a weight about 2.25-4%.

13. A manufacturing method of water dispersible pesticide
granules comprises the steps of:

step A: all the components of pesticide mixed with water
and extruded;

step B: the extruded material baked in an oven that has operation temperature set from 40°C to 50°C; and

step C: the baked material ground into small granules by machine or manpower.

5 14. The manufacturing method of water dispersible pesticide granules as claimed in claim 13, wherein the granules are selected and each has a diameter between 0.3 mm to 0.8 mm.

10 15. The manufacturing method of water dispersible pesticide granules as claimed in claim 13, wherein the water dispersible granules comprising the ingredients of:

wetting agent contained 0.01-5%;
dispersing agent contained 0.01-20%;
binder contained 0.1-30%;
disintegratant contained 0.1-30%;
15 acid 0.01-10%;
base contained 0.01-10%;
carrier contained 0.01-80%; and
pesticide contained 0.01-90%.

20 16. The manufacturing method of water dispersible pesticide granules as claimed in claim 13, wherein the components of the pesticide is extruded by a twin-screw extruding machine.

17. The manufacturing method of water dispersible pesticide granules as claimed in claim 14 comprises a select method that uses a first screen mesh and a second screen mesh respectively having a mesh

that is 0.840 mm and 0.279 mm. The granules pass through the first screen mesh and are remained on the second screen mesh.